

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	278	(downlink or DL or forward) same circuit same repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:59
S2	1	S1 same (search\$3 or synchroniz\$6 or synchronis\$6) same (time adj delay) same signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:55
S3	2	S1 same (search\$3 or synchroniz\$6 or synchronis\$6) and (time adj delay) and signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 09:55
S4	221	S1 and (@rlad<"20020426" or @ad<"20020426")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 15:15
S5	824	455/11.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 10:49
S6	629	S5 and (@rlad<"20020426" or @ad<"20020426")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 10:49
S7	7	S6 and (downlink or DL or forward) near3 circuit	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 14:53
S8	0	S7 and (synchroniz\$6 or synchronis\$6) and (time adj delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 14:54
S9	33	S6 and (synchroniz\$6 or synchronis\$6) and (time adj delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 14:55

## EAST Search History

S10	25	S1 and (synchroniz\$6 or synchronis\$6) and (time adj delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 15:04
S11	332702	(1/2)RTT	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 15:05
S12	3	"(1/2)RTT"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 15:14
S13	594	375/211.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 15:14
S14	17	S13 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 15:14
S15	497	S13 and (@rlad<"20020426" or @ad<"20020426")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 16:07
S16	39	375/212.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 16:07
S17	0	375/212.ccls. and ((downlink or DL or forward) near3 circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 16:08
S18	0	375/212.ccls. and ((downlink or DL or forward) near5 circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 16:08
S19	6	375/212.ccls. and (downlink or DL or forward)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 16:11

## EAST Search History

S20	31	(downlink and repeater).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 16:33
S21	103	repeater and (scrambl\$3 adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 16:04
S22	7	repeater and ((scrambl\$3 adj code) same delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 16:34
S23	2	("6014102").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/28 16:09
S24	2	("5327144").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/28 14:44
S25	1	("0021326").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/28 16:09
S26	2	("6185428").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/28 16:10
S27	1	repeater same (synchroniz\$5 or synchronis\$5) same search same (time adj delay) same ((cell near2 identifier) or (scrambl\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 14:03
S28	16	(repeater same (low adj noise adj amplifier) same (power adj amplifier)) and (down\$1conversion) and ((A\$1D or (analog near2 digital)) and (D\$1A or (digital near2 analog)) and up\$1conversion filter\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:41

## EAST Search History

S29	7	S28 and position	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 14:19
S30	931	(repeater and position\$3 and (mobile adj station)).ti"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 14:20
S31	12	(repeater and position\$3 and (mobile adj station)).ti.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 14:21
S32	568	455/13.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:40
S33	0	S28 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:39
S34	4	S32 and ((repeater same (low adj noise adj amplifier) same (power adj amplifier)) )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:41
S35	848	455/11.1.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:41
S36	3	S28 and S35	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:41

## EAST Search History

S37	2	("20030054813").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 15:07
S38	2	("20030008652").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 14:53
S39	0	("repeaterwith(lownear2(noiseadja mplifier))with(poweradjamplifier)") .PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 15:09
S40	25	repeater with (low near2 (noise adj amplifier)) with (power adj amplifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:10
S41	15	S40 and (@rlad<"20020426" or @ad<"20020426" or @ptad<"20020426")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 15:11
S42	3	"6725035"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 13:56
S43	2	("6725035").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 14:23
S44	1	TDOA with (fixed adj delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 14:24
S45	16	TDOA same (fixed adj delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 14:30
S46	2	("6014102").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 14:33

## EAST Search History

S47	226	TDOA with delay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 14:34
S48	168	S47 and (@rlad<"20020426" or @ad<"20020426" or @ptad<"20020426")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 07:45
S49	2	("6005884").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/06 15:38
S50	2	("6005884").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 13:36
S51	2	("20030054813").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/07 13:36
S52	0	("(scrambl\$3adjcode)with(signal)w ith(baseadjstation)").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 07:44
S53	291	(scrambl\$3 adj code) with (signal) with (base adj station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 07:44
S54	57	(scrambl\$3 adj code) with (signal) with (base adj station) with (mobile adj station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 07:44
S55	40	S54 and (@rlad<"20020426" or @ad<"20020426" or @ptad<"20020426")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 07:45
S56	13	((("9929130") or ("2000222310") or ("1030531") or ("0021326"))). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 18:52

## EAST Search History

S57	4	((("5608410") or ("6185428"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 18:59
S58	0	("position\$3samerepeater").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 18:59
S59	4132	position\$3 same repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 18:59
S60	447	position\$3 same repeater same (mobile or portable or wireless or radio or cellular) adj2 (device or telephone or phone or station or terminal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 19:00
S61	43	S60 and 455/11.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 19:17
S62	15	S61 and search\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 19:18
S63	9716	(position\$3 and (mobile or portable or wireless or radio or cellular) adj2 (device or telephone or phone or station or terminal)). ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 19:19
S64	11599	(position\$3 and terminal).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 19:19
S65	1135	(position\$3 and mobile adj terminal).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 19:20
S66	417	(position\$3 and method and mobile adj terminal).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 19:20

## EAST Search History

S67	20	S66 and (search\$3 same signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 19:22
S68	161	((TOA or (Time near2 Arrival)) and (pilot near2 signal\$1) and (frame or packet) and (down-link\$5 or downlink\$5 or (down near2 link\$5) or downstream or down-stream or forward-link\$5 or forewardlink\$5 or (forward near2 link\$5)) and (synchroniz\$5 or synchronous or synchronis\$5) and (repeater or transponder or booster))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 11:50
S69	79248	"455"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 11:50
S70	100714	"370"/\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 11:50
S71	109	(S69 or S70) and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 12:28
S72	4	((("5510828") or ("5133081")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 12:28
S73	1170	cell identifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/01 16:07
S74	3	repeater same S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/01 16:05

## EAST Search History

S75	31	repeater and S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/01 16:05
S76	5	S75 and (synch\$ same search\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/01 16:06
S77	60	S73 and (pilot near signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/01 16:07
S78	10	S73 and (search same (pilot near signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/01 16:29
S79	39	((TOA or (time near2 arrival)) and (pilot near2 signal\$1) and (fram or packet) and (down\$1link\$5 or forward\$1link\$5)) and (synchroniz\$5 or synchronous or synchronis\$5) and (repeater or booster or transponder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/01 16:32
S80	2	("20030198212").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 16:38
S81	2	("6954644").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 19:09
S82	1	S81 and ((time adj delay) same (synchronization))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:11
S83	1	S81 and (time adj delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:14

## EAST Search History

S84	794	(time adj delay) same (fix\$3 adj delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:14
S85	6	(time adj delay) same (fix\$3 adj delay) same (search\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:15
S86	192	(time adj delay) same (fix\$3 adj delay) same (generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:15
S87	2	(time adj delay) same (fix\$3 adj delay) same (generat\$3) same (cell near2 signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:16
S88	1	("2005/0153653").URPN.	USPAT	OR	ON	2007/03/01 19:18
S89	0	"20040156094"	USPAT	OR	ON	2007/03/01 19:18
S90	0	"20050107034"	USPAT	OR	ON	2007/03/01 19:18
S91	7	"6677820"	USPAT	OR	ON	2007/03/01 19:18
S92	21	"6388518"	USPAT	OR	ON	2007/03/01 19:18
S93	2	"6993287"	USPAT	OR	ON	2007/03/01 19:18
S94	11	"3914560"	USPAT	OR	ON	2007/03/01 19:18
S95	11	((("20040156094") or ("20050107034") or ("6677820") or ("6388518") or ("6993287") or ("20050153653"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/01 19:19
S96	821953	S83 and time delay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:20
S97	5	S95 and (time adj delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:24
S98	2	S95 and ((time adj delay) same synch\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:22

## EAST Search History

S99	2	S95 and (time adj delay) and synch\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:22
S10 0	1	455/11.1.ccls. and ((time adj delay) same (fix\$3 adj delay))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:25